

DIGICOMM INTERNATIONAL® GAINMAKER® 1.2 GHz FORWARD LINEAR EQUALIZER



Forward Linear Equalizers produce linear tilt. A Linear Equalizer will need to be used in the plug-in input or interstage equalizer location if a node output tilt does not have the desired station output tilt. The EQ “value” is the amount of tilt from lowest to highest frequency (52-1218 MHz).

Usage: GainMaker System Amplifier, Line Extender, and Node

EQUALIZER SPECIFICATIONS

1.2 GHz from 1.5 dB through 24 dB

Digicomm Part Number	EQ (dB) Value	FREQUENCY (MHz) VERSUS INSERTION LOSS (dB)							
		52 MHz	86 MHz	450 MHz	500 MHz	750 MHz	870 MHz	1002 MHz	1218 MHz
GM-EQL-1.2G-1.5=	1.5	2.4	2.4	1.9	1.8	1.5	1.3	1.1	0.8
GM-EQL-1.2G-3=	3.0	3.9	3.9	2.9	2.7	2.1	1.7	1.3	0.8
GM-EQL-1.2G-4.5=	4.5	5.5	5.3	3.9	3.5	2.6	2.1	1.6	0.8
GM-EQL-1.2G-6=	6.0	6.9	6.7	4.8	4.3	3.2	2.6	1.9	0.8
GM-EQL-1.2G-7.5=	7.5	8.4	8.3	5.8	5.2	3.9	3.1	2.2	0.8
GM-EQL-1.2G-9=	9.0	10.0	9.7	6.8	6.0	4.4	3.5	2.5	0.9
GM-EQL-1.2G-10.5=	10.5	11.4	11.2	7.8	6.9	5.1	4.0	2.7	0.8
GM-EQL-1.2G-12=	12.0	13.0	12.7	8.8	7.8	5.7	4.4	3.0	0.8
GM-EQL-1.2G-13.5=	13.5	14.4	14.1	9.7	8.5	6.2	4.8	3.3	0.9
GM-EQL-1.2G-15=	15.0	16.0	15.7	10.8	9.5	6.9	5.4	3.6	0.9
GM-EQL-1.2G-16.5=	16.5	17.5	17.0	11.6	10.2	7.4	5.8	3.8	0.7
GM-EQL-1.2G-18=	18.0	19.0	18.6	12.6	11.1	8.1	6.3	4.2	0.8
GM-EQL-1.2G-19.5=	19.5	20.6	20.0	13.8	12.1	8.8	6.8	4.7	1.0
GM-EQL-1.2G-21=	21.0	22.0	21.4	14.7	13.0	9.3	7.2	4.9	1.0
GM-EQL-1.2G-22.5=	22.5	23.5	22.8	15.8	13.9	10.0	7.8	5.3	1.0
GM-EQL-1.2G-24=	24.0	25.1	24.3	16.7	14.8	10.7	8.4	5.7	1.1